

> EXCERIA™ TYPE HD

SDHC™ SD CARDS

Toshiba's range of EXCERIA™ Type HD memory cards offer the combination of excellence and experience you would expect from Toshiba. Ideal for use by professional photographers, the EXCERIA™ range delivers high performance read and write speeds. Store, review and edit your photos and videos faster with Exceria.



> SPECIFICATIONS

EXCERIA™ Type HD SDHC™ SD Cards	
Overview:	
Available Density	8GB, 16GB, 32GB
Interface	SD Memory Card standard compatible
Speed Class	SD Speed Class 10*, UHS Speed Class 1
Write Speed	Up to 30 MBytes/s **
Read Speed	Up to 90 MBytes/s **
Warranty	5 Years

Interface Speeds:				
SD Bus Interface		New UHS-I Interface		Conventional SD Interface SD High-Speed Mode
		SDR 104 Mode	SDR 50 Mode	
Transfer Speed *1)	Max. Bus Speed *2)	104 MBytes/s	50 MBytes/s	25 MBytes/s
	Max. Speed *3)	Read: 90 MBytes/s Write: 30 MBytes/s	Read: 45 MBytes/s Write: 30 MBytes/s	Read: 23 MBytes/s Write: 23 MBytes/s

Physical Specification:	
Dimensions	32.0mm (L) x 24.0mm (W) x 2.1mm (H)
Weight	Approx. 2g

Environmental:	
Operating Temp.	-25°C to +85°C
Storage Temp.	-40°C to +85°C

	8GB	16GB	32GB
Model Numbers:			
EAN Code	4047999330011	4047999330028	4047999330035
Part Number	SD-X08HD(BL7	SD-X16HD(BL7	SD-X32HD(BL7

> TOSHIBA – THE INVENTOR OF FLASH MEMORY

In 1984, Toshiba developed a new type of semiconductor memory called flash memory, leading the industry into the next generation ahead of its competitors.

Some time later in 1987, NAND flash memory was developed, and this has since been used in a variety of memory cards and electronic equipments. The NAND flash market has grown rapidly, with flash memory becoming an internationally standardized memory device. Toshiba, the inventor of flash memory, has carved out a path to a new era in which we are all able to carry videos, music and data with us wherever we go.

History of Flash Memory	
1984	Developed NOR-type Flash Memory
1987	Developed NAND-type Flash Memory
Jul. 2000	Released SD™ Memory Card
Jun. 2003	Released miniSD™ Memory Card
Dec. 2003	Released USB Flash Memory
Jul. 2006	Released microSD™ Memory Card
Oct. 2006	Released SDHC™ Memory Card
May. 2010	Released SDXC™ Memory Card



The information contained herein is subject to change without notice.

*1) For the purpose of calculating read/write speed in this context, 1MB = 1,000,000 bytes.

*2) Theoretical maximum speed based on SD Association specification (www.sdcard.org).

*3) Based on Toshiba's test results. Read and write speed may vary depending on user specifications such as device used and file size read or written

*Toshiba High Speed Professional class 10 cards are fully compliant with the latest SD Association specification. We guarantee a minimum write and read speed of 10MB/s.

** Read and write speed may vary depending on user specifications such as device used and file size read or written

EXCERIA™ is a trademark of Toshiba Corporation